Abstract

A stator for an electrical machine, in particular a rotary current generator, is proposed, in which the stator (36) is made by the flat-packet technique and comprises at least one stator iron (10) and a stator winding (30), and the stator iron (10) has a substantially annular-cylindrical shape, and the stator iron (10) has an axial direction (a) which is oriented in the direction of a cylinder axis, and the stator iron (10) has an end face, oriented in the direction of the cylinder axis and defining a slot area (A_{Nut}), and a ratio (A) formed of the slot area (A_{Nut}) and the end face area amounts to between 0.4 and 0.8.

(Fig. 4)